

INFORMATION REPORT

COUNTRY East Germany

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SUBJECT Radio and Radar Installations

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SUPPLEMENT TO
REPORT NO. [REDACTED]

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SOURCE [REDACTED]

1. Dranske radar station. On a stormy day in August 1953, source observed that the Token-type radar set was still located near Dranske on Ruegen Island. No guy wires could be seen.¹
2. Radio Installation near [REDACTED] on Ruegen Island. The radio installation had two masts, formerly located about 100 meters from a residence on a large estate, which was about 1,500 meters east of the Flak Kaserne. In September 1953. Its new location could not be determined.²
3. Wismar radar station. Between September 1953 and 4 December 1953, the three PKV-45 DF stations were still observed southwest of the Flak Kaserne. The Kniferest-type radar set also was at its previous location at the southeastern corner of the Flak Kaserne. Since approximately 26 January 1954, a braced radio mast, about 8 meters high, with a radio truck and a truck at its side has been observed east of the Flak Kaserne, next to a one-family house. This house was frequented by Soviet soldiers whose service color could not be identified because of their padded clothes.³
4. Schwerin/Goerries radio installation. On 1 November 1953, three PKV-45 DF stations were observed on the former airfield at Schwerin-Goerries. Only one installation had a rod antenna on the roof of its cabin. About 700 meters south-southeast of the DF station was a hut with four gallows-like masts.⁴
5. Hagenow radar station. On 10 September 1953, 1 Fishnet-type radar set was being set up in the Hagenow radar station. On 18 September, one of the two Dumbo-type radar sets was dismantled and required two hours. The same was done with the second Dumbo-type radar set on 19 September. During the morning of 20 September, the former set was being partially set up and was again dismantled in the afternoon. During the period from 5 October 1953 to 4 March 1954, 1 Token-type radar set, 1 Kniferest-type radar set, and 2 Fishnet-type radar sets were observed at the radar station which covered an area of about 250 meters in diameter. The operating times of the individual radar sets were determined on several days.⁵ While the Token-type radar set was in operation, a buzzing noise was heard. The number of revolutions changed from 10 to 50 per minute. When aircraft approached, source repeatedly observed that the set [REDACTED]

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graze near the set learned from a Soviet sentry posted in the vicinity of the radar station that the radar directed Soviet fighters and cows could not approach nearer than 500 meters. Before the set had been erected, the cows could approach to within 50 meters of the radar station. During November 1953, source determined that at least the Token-type radar set was fed with electric current from a van-like motor vehicle which had a cable connection about 30 to 40 cm in diameter. Another cable of the same strength extended from the vehicle to a motor vehicle with a wooden covering located just next to the southern Fishnet-type radar set. About 200 meters north of the Token-type set were four van-like special motor vehicles which had been used for transporting the radar sets to the site; the Token-type set had arrived first. No activity was observed near the vehicles.⁶

6. Around 11 a.m. on 21 December 1953, the Token-type set was hauled by a caterpillar tractor to a site about 50 meters west of its former location, while the motor vehicles assigned to the set were not moved. The soldiers in the radar station always wore red-bordered black epaulets. An AA machine gun was still observed in the installation. Source occasionally observed, that, in stormy weather, the Token-type set rotated, apparently moved by the storm, as no special guy wires were seen. When the Kniferest-type radar set was in operation, one of the Fishnet-type sets pointed toward the southwest and the other Fishnet-type set pointed toward the southeast, while, during periods of rest, the antennas of the two latter sets also pointed in other directions. The Kniferest-type set always stood still, when the Token-type set was in operation.⁷
7. Radar stations and radio installations near Wittstock airfield. Between 30 November 1953 and 4 December 1954, the following radar stations and radio installations were observed in connection with Wittstock airfield:
- On 2 December 1953, a Kniferest-type radar set and 10 to 15 meters farther eastward a Fishnet-type radar set were observed. This was at an undulation of the ground, just northeast of the road to Rindow which branches off from the Wittstock-Alt Dabern road at the southern edge of the airfield. At the beginning of February 1954, a mast, about 10 meters high and braced by 3 guy wires, was observed at the radar station. On top of the mast was a device, looking like a vase turned upside down; the device was about 20 cm in diameter at the top, had a bulge in the middle and became wider toward the bottom. Source could not observe whether the device was flat or round. Between this set and the Kniferest-type radar set was another mast with a horizontal dipole support with 4 vertical dipoles. Underneath the dipoles was a frame which apparently was slightly thicker⁸ than the dipoles. Both sets were observed for the first time on 4 February 1954.
 - On [REDACTED] number, a Token-type radar set was observed on the highest peak of Rock-stone Mountain, next to the chapel of the cemetery. The set had probably been set up on 30 November 1953. Four trucks were parked 60 to 70 meters from the set. Around 4 p.m. on 2 December, rotations by the set were observed which were faster than those of the Kniferest-type radar set.
 - Around 4 p.m. on 2 December 1953, 1 Kniferest-type radar set and 1 Fishnet-type radar [REDACTED] observed about 600 meters southwest of the triangulation point on Rocks [REDACTED] Mountain, about 200 meters north of the road to Rindow. The Kniferest-type set rotated slowly and regularly in a counter-clockwise direction. Source estimated that about 4 rotations were made per minute. When the Kniferest-type set was in operation, the Fishnet-type set stood still. Source had not observed a radar set at the site prior to 2 December 1953.

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- d. At the beginning of December 1953, a radio installation with two masts was observed 430 meters south of the intersection of the Rindow-Berlinchen and Schweinrich-Berlinchen roads. Between the two masts, which were braced by four guy wires each, were strung 3 antenna wires which were kept separate by a cross bar at each end. Two lead-ins extended from the middle of the antenna to a motor vehicle parked underneath the antenna. Three small wooden buildings were also located near the radio installation. A three-wire overhead line extended to the radio installation described in the next paragraph.⁹
- e. A radio installation with one mast, about 10 meters high and braced by four guy wires, was located south of the large lake in the eastern extension of the runway. A wire extended from the masthead almost vertical downward and terminated in a truck which, on 17 November 1953, was observed for the first time having a plank revetment. In the middle of the radio installation was a low wooden building near which 5 or 6 men were observed. A three-wire overhead line extended to the radio installation south of Berlinchen. Another 6 or 7 wires extended southwestward to 2 or 3 small wooden buildings toward Post Luch. There was another wire connection toward Rindow where the line probably continued underground.
- f. On 4 February 1954, source observed for the first time a Dumbo-type radar set between the repair hangar and the heating plant at Wittstock airfield. National Fishnet-type set, besides the Token-type set, was located on Rock Mountain. Next to the installation were two trucks and, not far from them, a watchtower. Several wires were observed between the trucks and the Token-type set. After nightfall, the Token-type set was always lit by 6 powerful white lamps. On 23 January, source determined by means of his watch that the Token-type set rotated about 7 3/4 times per minute. Subsequently, the set made pendulum movements of up to 180 degrees.¹⁰
- ✓✓ 8. During air activity at Wittstock airfield on 21 October 1953, two radio trucks were parked approximately south of the middle section of the runway. One of the two radio trucks had a rod antenna and a sickle-shaped device on its roof. At first, source believed that the device was a flag as it rotated continuously; when air activity was discontinued, however, the device stood still and source recognized that it had the shape of a sickle.⁸
- ✓✓ 9. At the end of November 1953, a radio station, [REDACTED] of Berlinchen, was observed west of the northern exit of Neukrug, 10 [REDACTED]
- ✓✓ 10. On 22 December 1953, source determined that the Red Mill Inn was vacated and a broom-shaped antenna on the roof of the building was [REDACTED] which a m-shaped antenna was observed on one of the two buildings east of the main road, south of the approach road to the airfield.¹¹
- ✓✓ 11. Gardelegen radar station. On 24 December 1953, source observed that 1 Token-type set, 1 Kniferest-type radar set, and 2 Fishnet-type radar sets were located at the Gardelegen radar station, near Hill 63. The Dumbo-type radar set had already been located on 10 October 1953. Source observed for about one hour that the Kniferest-type radar set rotated in a clockwise direction; during the first half hour, rotations were made each lasting 35 seconds, and during the second half hour, the rotations were much slower, each lasting 70 seconds. A fence was under construction around the radar station and poles, about 2 meters high, had already been erected.

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12. On 22 February 1954, an additional Kniferest-type radar set and another set, similar to the Dumbo-type set [REDACTED] the former parachute settlement [REDACTED] cross bar extended from the radar [REDACTED] 500 meters away. Five cables fitted on insulators extended toward [REDACTED] Kaserne.¹²
13. Radio Installation at Stakken airfield. On 10 May 1953, source determined that a communication or radio detail with soldiers wearing black-bordered red epaulets was still stationed at Stakken airfield. The radio troops estimated at 30 to 40 men were quartered in a small brick building, probably the former commander's house, located in a small woods north of national highway No 103, north-northwest of Egelpfuhl. The leader of the detail, a lieutenant, stated that the detail had been stationed at the airfield for about 9 months and that it belonged to Wildpark-Werder. A radio installation with four masts was located on a hill with triangulation point 32.3. So far, the detail had not yet paid for its current consumption which, allegedly, was very low. When the current consumption was checked, however, it was determined that about 40 kW/h were consumed daily. The lieutenant informed the employee of the Falkensee current distribution point that he was assigned to Karlshorst.¹³

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On 6 November, the employee of the Falkensee current distribution point presented the bill for current consumption to the lieutenant who was accompanied by a captain; the two officers, however, refused to sign the bill and the captain expressed doubts whether the headquarters at Guestrau, Potsdam or Berlin were responsible. After a telephone call, the captain stated that the bill would be paid by the headquarters in Berlin, probably in Karlshorst. In November 1953, the radio installation, probably a PKV-45 DF station, was still located on triangulation point 32.3. Two Russians wearing civilian clothes were working on the small cabin of the DF station. The installation was guarded by two soldiers armed with submachine guns. No changes were observed on the status of the installation on 6 and 28 February 1954.¹⁴

14. Signal unit at Kyritz. A signal unit was quartered in houses on Rehfelder Weg in Kyritz. On 11 November 1953, a radio installation with an antenna system and trucks [REDACTED] were observed there. No details could be observed because of security measures.¹⁴

15. Radio installations at Berlinchen, Rossow, Rindow, and Nietwerder. The following current consumption was determined in October 1953:
- 800 kW/h at Berlinchen radio installation;
 - 400 kW/h at Rossow radio installation;
 - 135 kW/h at Rindow radio installation;
 - 900 kW/h at Nietwerder radio installation;

According to the Berlinchen radio installation, the bills for the current consumption [REDACTED] in for payment to the Wittstock airfield although the Berlinchen and Rossow radio installations are stationed in [REDACTED]

16. Jueterbog Damm radar set. On 8 January 1954, source determined [REDACTED] set previously located near the so-called DF repair shop [REDACTED]

- C-2 17. Quedlinburg radar station. On 4 December 1953, the remote type radar set of the Quedlinburg radar station was in operation, making three rotations per minute. A new low wooden building, 10 x 40 meters, had been erected there.¹⁷

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18. Gotha radar station. During the period from 5 to 8 January 1954, source observed that the Token-type radar set in the radar station west of Gotha was used for training practices by soldiers wearing red-bordered black and black-bordered black epaulets with signal insignia. The set continuously rotated. An air force officer wearing silver epaulets was repeatedly observed near the set.
19. Device at Weimar-Nohra airfield. On 29 December 1953, a funnel-shaped device, about 2 meters in diameter, and mounted on a truck, was observed in the southeastern corner of the former airfield at Weimar-Nohra.¹⁸
20. Mobile decimeter station near Bad Koesen. On 11 October 1953, a mobile station with a telescopic mast was observed at the eastern perimeter of [REDACTED] southeast of Bad Koesen. A radio truck, a truck, a trailer with a mast also belonged to the installation which allegedly had been set up on 7 October 1953. No other sets were observed in the vicinity of the installation. The decimeter apparatus was definitely operated by air force personnel. [REDACTED]

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[REDACTED] During the night of 16 October 1953, the set was being dismantled.¹⁹

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21. [REDACTED] made at the radar station on [REDACTED] 25X1
[REDACTED] 17 October 1953. The Token-type set was continuously in operation, making one rotation in 17 seconds. [REDACTED]

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20 to 28 October 1953. The Token-type set continuously rotated while the Kniferest-type set and the Fishnet-type set were not in operation. The construction of a wooden garage for two trucks on the southern slope of Warthausel was being completed. Source made a sketch of the installation. The radar station had a connection line to the municipal mains. The following communication lines were observed:
 8 copper wires suspended from masts with insulators and leading to Kaserne;
 12 overhead heavy field cables leading [REDACTED];
 6 overhead heavy field cables which, a [REDACTED] cables from Gera and, along with t [REDACTED]

[REDACTED] lines which, about 2000 meters north of Strassberg, meet with 4 heavy field cables from the zonal boundary and, along with these cables, extend to the former military post hospital. The course of the lines could be observed only as far as the edge of the radar station.

1 to 9 November 1953. None of the three sets was in operation.

10 to 21 November 1953: The Token-type set was in operation at irregular intervals. No communication could be observed between the Kniferest-type set and the Fishnet-type set.

22 November to 3 December 1953. The Token-type set was in operation at irregular intervals, while the Kniferest-type set and the Fishnet-type set stood still.

4 to 19 December 1953. [REDACTED] Fishnet-type set did not operate, while the Kniferest-type set and the Token-type [REDACTED] were in operation at irregular intervals, but never operating at the same time. Source did not observe that the Token-type set was braced in stormy weather.

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9 to 21 January 1954. The Kniferest-type set and the Fishnet-type set never operated, while the Token-type set was seldom observed operating.

23 January to 4 February 1954. The Token-type set and the Kniferest-type set repeatedly operated simultaneously; the latter set, sometimes, made irregular pendulum movements. The Fishnet-type set was not in operation.

5 to 12 February 1954. The Kniferest-type set and the Tokem-type set were continuously in operation making a rotation in 70 and 18 seconds respectively.

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22. Radio installation at Plauen airfield. On 8 November 1953, source determined that the previously reported radio installation was no longer located at Plauen airfield. [REDACTED] had formerly been observed near the radio installation.

[REDACTED] Chemnitz-Ebersdorf radar station. No changes were observed on the status of the radar station northeast of the barracks installation in Chemnitz-Ebersdorf up to 16 October 1953. The Dumbo-type radar set did not rotate. Individual soldiers wearing red-bordered black epaulets were observed near the set and in the vicinity.²²

24. Radar Set on the Heller near Dresden. A model AA 4 Mk 3 radar set, mounted on the roof of radio truck [REDACTED] was observed on the "Heller" near Dresden on and after 2 November 1953. Next to the set was a single-axle trailer with a generator. The operating personnel numbering about 12 men wearing red-bordered black epaulets were quartered in provisional shelters. After 17 November, a telephone line extended to the Hermann Goering Kaserne.²³

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- 25X1A 1. [REDACTED] Comment. Source previously furnished detailed information and photographs on the radar station near Dranske. [REDACTED]. The information in the present report refers to a request concerning special anchoring devices at the Token-type radar set during stormy weather.

- 25X1A 2. [REDACTED] Comment. The radio installation [REDACTED] reported, is an installation of the [REDACTED]

- 25X1A 3. [REDACTED] Comment. No changes were observed on the DF station and the Kniferest-type radar set near the Flak Kaserne in Wismar. The assignment of the new radio installations has not been determined.

- 25X1A 4. [REDACTED] Comment. The DF Station in Schwerin-Goerries bears resemblance to the installation in Wismar. A third DF station of this type is located in Plauen. It is believed possible that these DF stations are used for air traffic control or radio intelligence. For sketch of installation in Schwerin, see Annex 1.

- 25X1A 5. [REDACTED] Comment. For tabulation of operating hours of radar sets [REDACTED] station, see Annex 2.

- 25X1A 6. [REDACTED] Comment. Same source previously furnished a sketch of the Hagenow radar station. [REDACTED]. The information in the present report refers to this sketch.

- 25X1A 7. [REDACTED] Comment. Source's conclusion relative to the functioning of the sets cannot be verified.

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- 25X1A 8. [redacted] Comment. For sketches of auxiliary sets at radar station, see Annex 3, sketches a and b. These types are reported for the first time. For sketch of set mounted on motor vehicle at the runway, see sketch c on Annex 3.
- 25X1A 9. [redacted] Comment. It has not been determined for what purpose the radio installation at Berlinchen has been used. A similar radio installation, described by source 7 in paragraph 8, was reported for the first time.
- 25X1A 10. [redacted] Comment. For layout sketch of radar sets at Wittstock airfield, see Annex 4. The large number of radar sets at the airfield is believed to be connected with the presence of the Northern Ftr Corps of the Twenty-Fourth Air Army. Training courses for radar personnel are possibly held there. Except for the radar station mentioned in paragraph 7 a, all the radar stations mentioned by source 7 have been confirmed.
- 25X1A 11. [redacted] Comment. The Red Mill Inn had formerly been occupied by a signal unit, the largest portion of which had already been transferred to the area of the airfield at the end of 1952. The present report indicates that the last radio installation was probably removed from the Red Mill. The quartering building on the approach road to the field was previously believed to be occupied by an MVD headquarters.
- 25X1A 12. [redacted] Comment. For layout sketch of radar station at Gardelegen, see Annex 5. The present report indicates that 1 Token-type set, 2 Kniferest-type sets, 4 Fishnet-type sets, and possibly 1 Dumbo-type set were located in the installation. This report, however, requires confirmation by source 8.
- 25X1A 13. [redacted] Comment. Staaken airfield is occupied by a border guard unit. The assignment of the DF station could not be determined. 25X1B
25X1B [redacted] is assigned.
- 25X1A 14. [redacted] Comment. The assignmen [redacted]
25X1B [redacted]
- 25X1A 15. [redacted] Comment. The Nietwerder radio installation is the outer landing beacon of Neuruppin airfield; the Randow radio installation which is the inner landing beacon of Wittstock airfield is identical with the installation mentioned in paragraph 7 e; the radio installation at Rossow is probably connected with the Gadow-Rossow bombing range; and the Berlinchen radio installation is identical with the installation mentioned in paragraph 7d. The information that the cadre unit of the Berlinchen and Rossow radio installations is stationed in Schoenwalde is received for the first time and requires confirmation.
- 25X1A 16. [redacted] Comment. A previous description indicates that the set mentioned is [redacted] type. It is believed that Jueterbog-Damm airfield is occupied by a repair [redacted] station for radio and signal equipment of the Twenty-Fourth Air Army.
- 25X1A 17. [redacted] Comment. It is believed that 1 Tokan-type set, 1 Kniferest-type set, and 1 Fishnet-type set are located in the Quedlinburg radar station.
- 25X1A 18. [redacted] Comment. The Weimar-Nohra airfield is believed to be used by courier and liaison aircraft of the headquarters of the Eighth Gds Army. The set mentioned probably is a Whiff-type AA fire control device.
- 25X1A 19. [redacted] Comment. The presence south of Bad Koesen of a decimeter set is probably connected with the exercises held by the Eighth Gds Army in the Weimar-Erfurt-Gotha area during the first half of October 1953. The exercises involved large units of the Twenty-Fourth Air Army. 25X1B
25X1A [redacted] In conjunction with the exercises mentioned, ground attack regiments from Brandenburg-Briest and Brandenburg-Arado were temporarily stationed at Erfurt-Bindersleben airfield.

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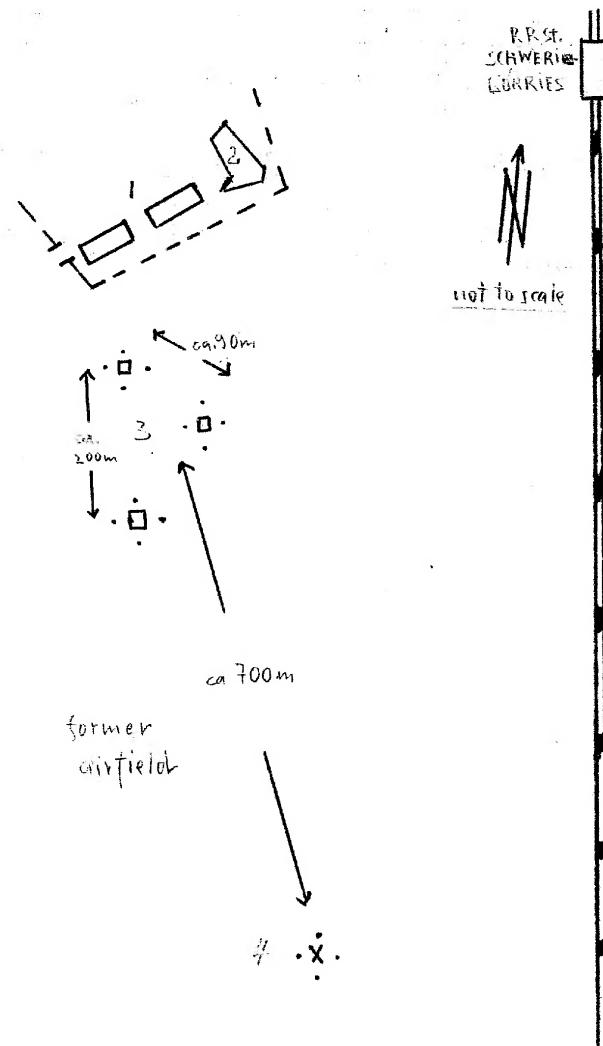
- 25X1A 20. [] Comment. The radar station at Plauen was previously reported. [] 25X1A
25X1A [] . For layout sketch of the radar station, see Annex 6.
- 25X1A 21. [] Comment. A previous report contained information on an assumed radar station at Plauen-Syrau airfield. [] 25X1A
- 25X1A 22. [] Comment. A sketch of the installation near Chemnitz-Ebersdorf was previously forwarded. [] 25X1A
- 25X1A 23. [] Comment. This is the first information on the presence of a model AA 4 Mk 3 radar set on the Heller troop training grounds near Dresden. The set is probably assigned to an AA unit.

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DF Station at Schwerin-Goerries Airfield



Legend:

- 1 Hangars
- 2 Administrative building
- 3 Installation consisting of 3 DF stations
- 4 Cabin with 4 gallows-shaped masts

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Operating Times of Radar Sets in Hagenow Radar Station Determined Between
September 1953 and January 1954.

a. 19 September to 5 October 1953:

Token-type sets

Date	Time	Notes
19 to 24 September	8 a.m. to 7 p.m.	in operation
25 September	11 a.m. to 1 p.m.	"
	2 p.m. to 4 p.m.	"
26 "		not in operation
27 "	10 a.m. to 3 p.m.	in operation
28 "	9 a.m. to 10 a.m.	"
	noon to 3 p.m.	"
29 "	9:30 a.m. to 11 a.m.	"
	3 p.m. to 7 p.m.	"
30 "		not in operation
1 October	8 a.m. to 3 p.m.	in operation
2 "	8 a.m. to 7 p.m.	"
3 "	8 a.m. to 7 p.m.	"
4 "	8 a.m. to noon	"
	2 p.m. to 5 p.m.	"
5 "	10:30 p.m. to 2 p.m.	"
	4 p.m. to 6 p.m.	"

The times reported might deviate from the actual operating times by 5 or 10 minutes. During the operating hours mentioned, a buzzing noise was regularly heard and the operating personnel were observed entering or leaving the set. At night, the buzzing noise was never heard.

While the Token-type set was operating, the 2 Dumbo-type sets, 1 Kniferest-type set and 2 Fishnet-type sets were not in operation. No connections were observed between the Fishnet-type sets and other sets.

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b. 1 November to 20 December 1953.

Date	Token-type set	KnifeRest-type set
1 November	7:30 a.m. to 0:20 p.m. - 3:10 p.m. to 10 p.m.	
2 "	8:30 a.m. to 11:50 a.m. [REDACTED] to 2 p.m. 2:40 p.m. to 10:30 p.m.	
3 "	7 a.m. to noon noon to 3 p.m. 4 p.m. to 11 p.m.	
4 "	8:10 a.m. to 11 a.m. - 3:30 p.m. to 10 p.m.	
5 "	8 a.m. to noon - 3 p.m. to 11 p.m.	
6 "	8:30 a.m. to 1 p.m. 1 [REDACTED] to 3 p.m. 4 p.m. to 9 p.m.	
7 "	8:20 a.m. to 0:30 p.m. - 4 p.m. to 10 p.m.	
8 "	8 a.m. to noon 1 p.m. to 3 p.m. 3:30 p.m. to 11 p.m.	
9 "	7:30 a.m. to 1 p.m. - 4 p.m. to 9 p.m.	
10 "	9 a.m. to 1:20 p.m. - 3:30 p.m. to 11 p.m.	
11 "	7:20 a.m. to 0:10 p.m. - 3 p.m. to 9 p.m.	
12 "	8 a.m. to noon - 2 p.m. to 8 p.m.	
13 "	7:30 a.m. not observed - not observed to 8 p.m.	
14 "	not observed	
15 "	9 a.m. to noon noon to 3 p.m. 3 p.m. to 9 p.m.	
16 "	8 a.m. to 11:30 a.m. noon to 3 p.m. 3:30 p.m. to 10 p.m.	

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17 November	8:30 a.m. to noon	1 p.m. to 2 p.m.
	4 p.m. to 11 p.m.	
18 "	7:45 a.m. to 0:30 p.m.	-
	3 p.m. to 10 p.m.	
19 to 25 November	not observed	
26 November	7:20 a.m. to noon	-
	3:30 p.m. to 10 p.m.	
27 "	8 a.m. to 0:10 p.m.	0:30 p.m. to 3 p.m.
	3 p.m. to 9:30 p.m.	
28 "	8:30 a.m. to 11:30 a.m.	-
	3 p.m. to 10:30 p.m.	
29 "	not observed	
30 "	3:30 a.m. to noon	noon to 2 p.m.
	3:30 p.m. to 11 p.m.	
1 December	7:30 a.m. to 11:40 a.m.	-
	3 p.m. to 11:10 p.m.	
2 "	7 a.m. to 11:30 a.m.	noon to 2 p.m.
	2:30 p.m. to 11 p.m.	
3 "	8:10 a.m. to noon	0:30 p.m. to 2:30 p.m.
	3:20 p.m. to 10:30 p.m.	
4 "	8 a.m. to 0:10 p.m.	-
	3 p.m. to 11 p.m.	
5 "	8 a.m. to 11:30 a.m.	-
	2:20 p.m. to 10:50 p.m.	
6 "	7:50 a.m. to noon	0:30 p.m. to 3 p.m.
	3:10 p.m. to 10 p.m.	
7 "	7 a.m. to 11:50 a.m.	noon to 12:30 p.m.
8 "	7:10 a.m. to not observed	
9 "	7:40 a.m. to noon	-
	3:10 p.m. to 10:40 p.m.	
10 "	8:20 a.m. to 11:30 a.m.	noon to 2:30 p.m.
	3 p.m. to 10 p.m.	
11 "	8 a.m. to noon	0:20 p.m. to 2 p.m.
	2:40 p.m. to 11 p.m.	
12 "	7 a.m. to 11 a.m.	-
	3:30 p.m. to 10:30 p.m.	

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13 December 7:20 a.m. to 11:30 a.m. -
 3 p.m. to 11 p.m.

14 " 7:10 a.m. to noon 0:30 p.m. to 3 p.m.
 3:20 p.m. to 10:40 p.m.

15 to 20 December not observed

c. 21 December 1953 to 5 January 1954.Token-type set.

Date	Time	Notes
21 December		the set changed location
22 "	8 a.m. to noon	continuous rotating movements; sounds produced by generator
	1 p.m.	no movements
	9 p.m.	rotating movements; sounds produced by generator
23 "	11 a.m. to noon	rotating movements; sounds produced by generator
	0:40 p.m.	no movements
	1:30 p.m.	"
24 "	7 a.m.	"
	7:15 a.m.	rotating movements; sounds produced by generator
	8 a.m. to 11:50 a.m.	rotating movements; sounds produced by generator
VV 27 "	0:30 a.m.	[REDACTED]
	1:40 p.m.	[REDACTED]
	2:10 p.m.	rotating movements; sounds produced by generator
28 "	11 a.m. to 4 p.m.	no movements
	4:05 p.m. to 4:30 p.m.	movements
		At 4:05 p.m., the sounds produced by the generator were heard and the set started rotating; at the same time, source observed some soldiers rushing to and fro; At 4:10 p.m., source heard the sound of aircraft engines approaching from the southeast; simultaneously, the Token- type set stopped and no operating sounds were heard.

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The reflectors of the set stood exactly parallel to the course of the two DC-3 aircraft which crossed from southeast to northwest over the western edge of the former airfield. No nationality markings could be observed on the aircraft which flew under the cloud ceiling at an altitude of about 1,000 meters. About 4:20 p.m., when the aircraft engines were no longer heard, the generator was again started and the radar set began rotating. During the observations described, the other sets also were not in operation.

29 December	midnight	sounds produced by generator
	9 a.m.	"
	4:15 p.m. to 4:30 p.m.	only the sounds produced by the generator were heard; the radar set started rotating only at 4:30 p.m.

During each night until 5 January 1954, source repeatedly heard the operating noises of the Token-type set and of the generator. Source believed that the Token-type set continuously operated throughout the day and night, except for regular intervals between about noon and 2 p.m. and short occasional interruptions. The set regularly rotated only during the intervals approximately between noon and 1 p.m. Token-type sets which were not in operation pointed in opposite directions; the dipoles of the northern set pointed exactly to the south, while those of the southern set pointed to the north.

d. 6 to 25 January.

Date	Token-type set making rotations	Kniferest-type set making pendulum movements
6 January	8 a.m.	noon
7 "	10 a.m. and 4 p.m.	11 a.m.
8 "	9:30 a.m.	11 a.m.
9 "	4:40 p.m.	1 p.m.
10 "	7 a.m. and 8 p.m.	11 a.m.
11 "	9 a.m. and 4 p.m.	11:30 a.m.
12 "	9 a.m. and 5 p.m.	1 p.m.
13 "	7 a.m.	
14 "	8 a.m. and 4:30 p.m.	noon
15 "	7 a.m., 9 a.m., 4 p.m., 5 p.m.	

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16 January	7 a.m., 8 p.m.	a.m., p.m.	1 p.m.
"	4	6	
17 "	7 a.m., 9 p.m.	a.m., p.m.	11 a.m.
"	4 6	p.m., p.m.	
18 "	5	p.m.	
19 "	9	a.m.	noon
20 "	4:30 p.m.		11 a.m.
21 "	8 a.m. and 4 p.m.		2 p.m.
22 "	9 a.m. and 5 p.m.		11 a.m.
23 "	8 a.m. and 5 p.m.		noon
24 "	9 a.m.		1 p.m.
25 "	4 p.m.		2 p.m.

The times reported possibly deviated from the actual operating times by some minutes. The Token-type set and the Kniferest-type set never operated at the same time. Source could not determine whether the Fishnet-type sets were in operation. The dipoles of the northern set pointed to the south and those of the southern set to the north.

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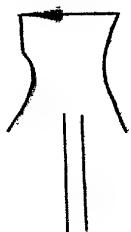
25X1

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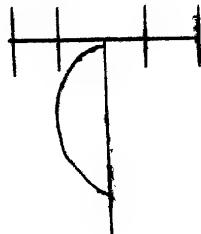
Special Radar Sets at Wittstock Airfield

- a) and b) Auxiliary sets at radar station south of the approach road to Wittstock airfield

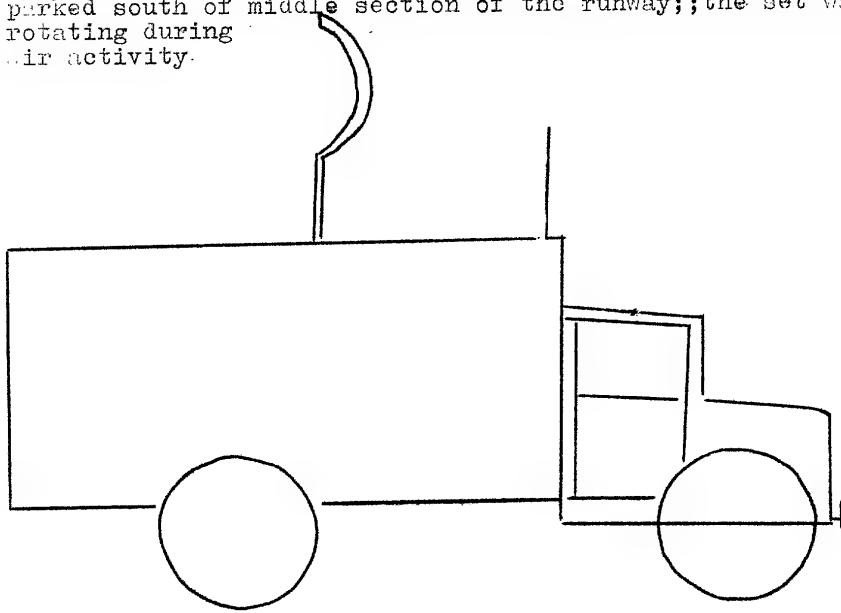
a)



b)



- c) Motor vehicle with side-shaped device and rod antenna on top, parked south of middle section of the runway; the set was observed rotating during air activity.



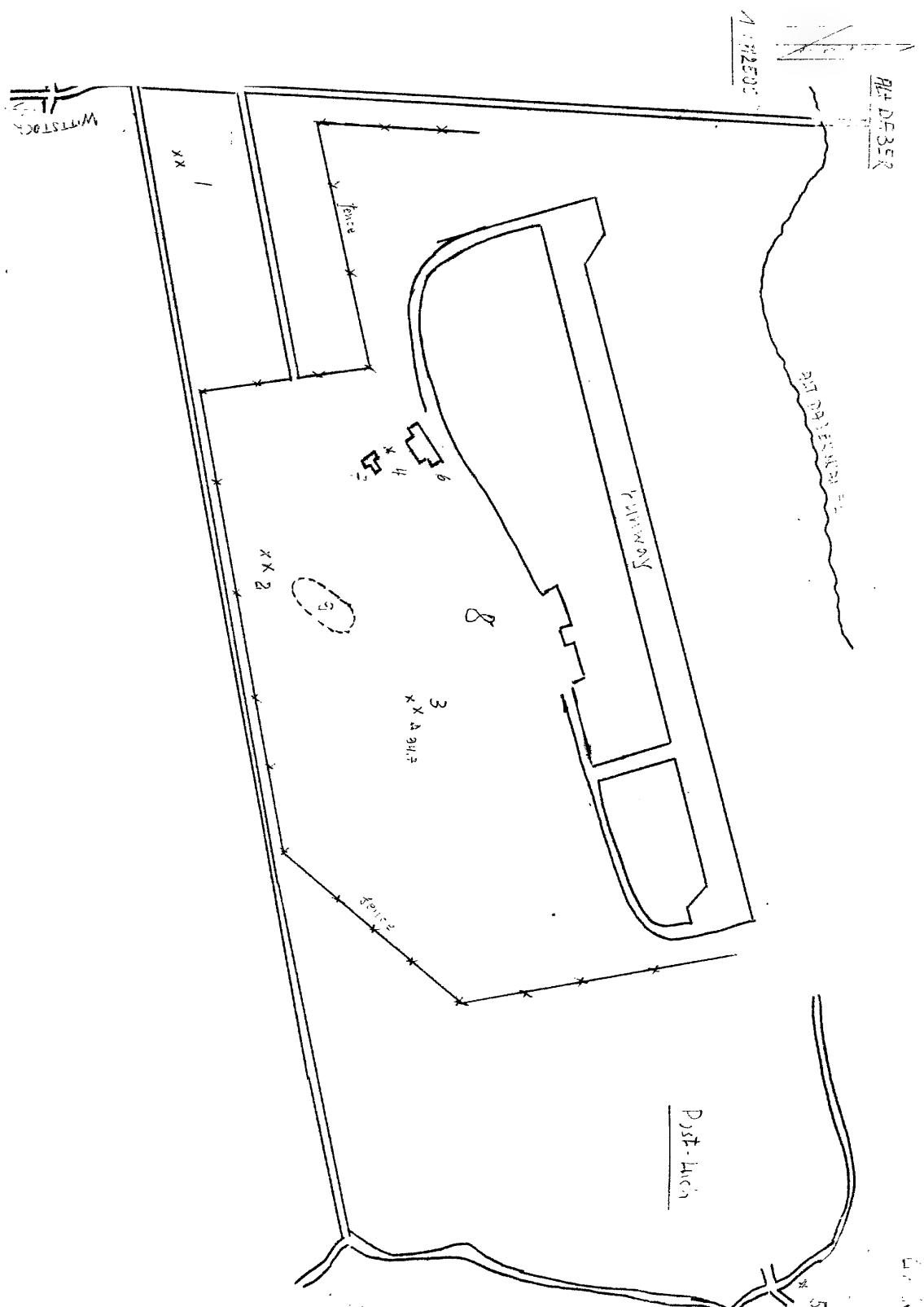
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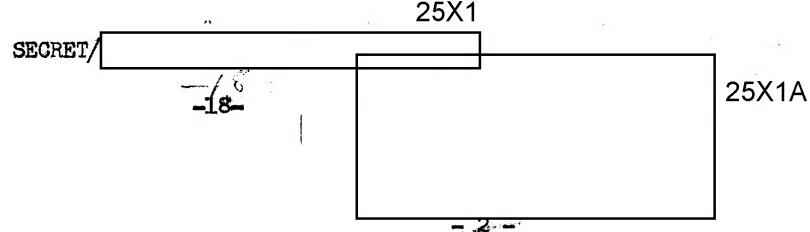
-17-

Radar Stations at Wittstock Airfield



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Radar Stations at Wittstock Airfield.

Legend:

- 1 Radar station consisting of 1 Kniferest-type set and 1 Fishnet-type set, southwest of entrance to the airfield.
- 2 Radar station consisting of 1 [REDACTED]-type set and 1 Fishnet-type set, 600 meters southwest of Rock [REDACTED] mountain.
- 3 Radar [REDACTED] consisting of 1 Token-type set and 1 Fishnet-type set on Rocks [REDACTED] mountain.
- 4 Dumbo-type set.
- 5 Inner low frequency approach beacon.
- 6 Repair hangar.
- 7 Heating plant.
- 8 Area of quartering buildings and radar stations .
- 9 Athletic field.

SECRET [REDACTED] 25X1

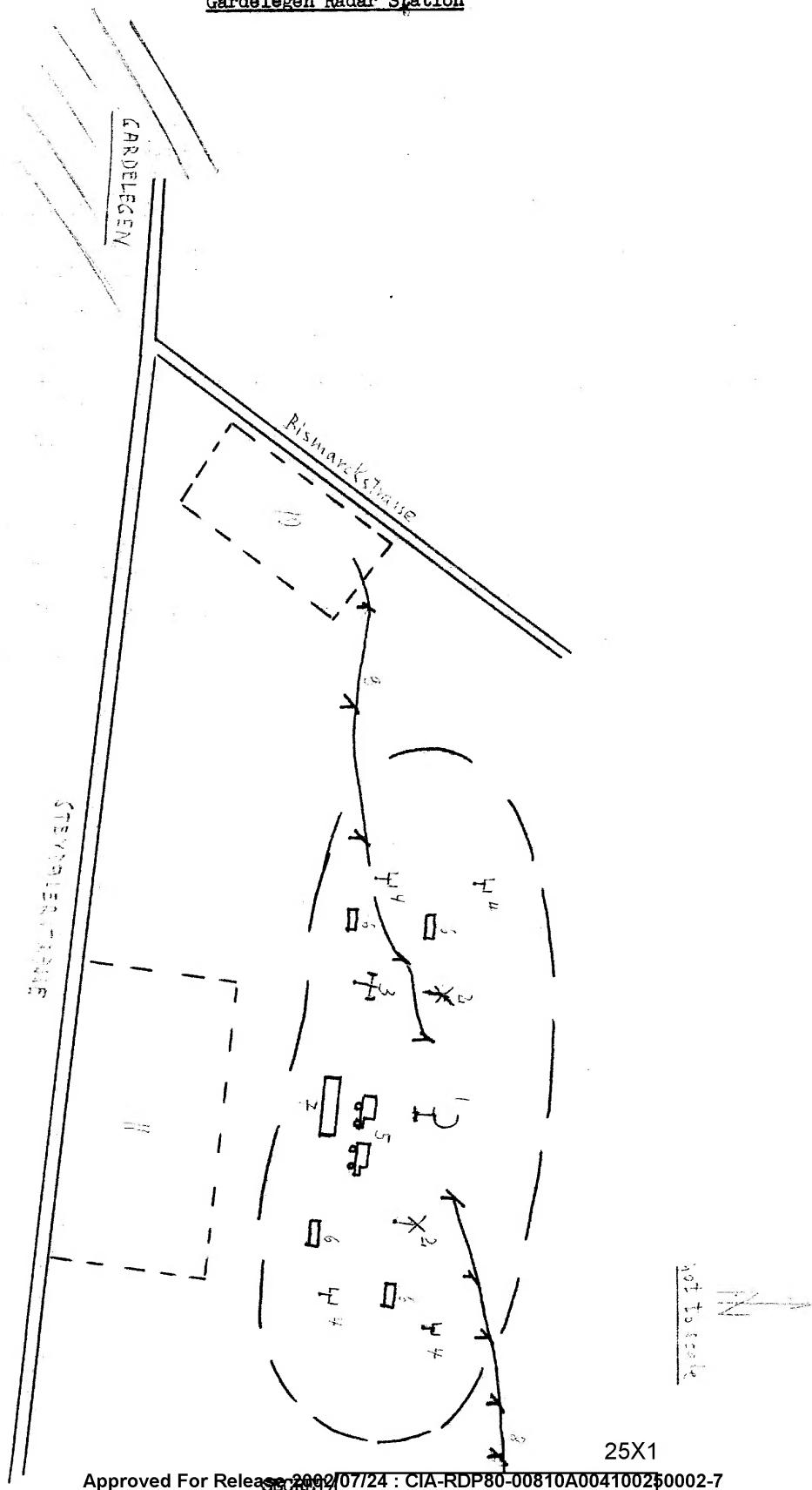
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Gardelegen Radar Station



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-20- [REDACTED]
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Gardelegen Radar Station.

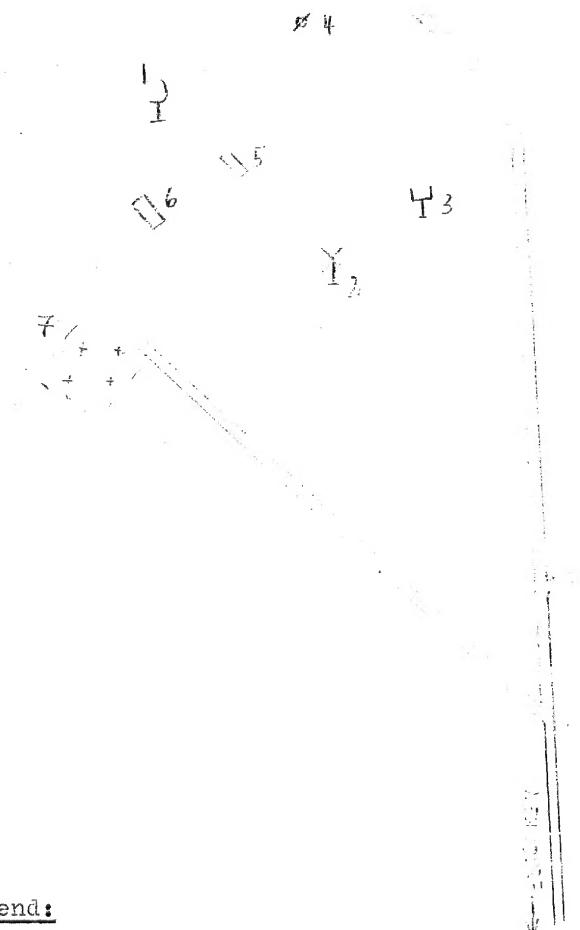
Legend:

- 1 1 Token-type radar set
- 2 2 Kniferest-type radar sets
- 3 1 Dumbo-type radar set
- 4 4 Fishnet-type radar sets
- 5 2 trucks
- 6 2 garages
- 7 Low wooden quartering buildings
- 8 Cable leading to airfield
- 9 Cable leading to Remonte School
- 10 Remonte School
- 11 Former parachute settlement

SECRET [REDACTED] 25X1

SECRET/CONTROL -

-21-

Radar Station on Marthuerzel West of PlauenLegend:

- 1 Token-type radar set
- 2 Kniforest-type radar set
- 3 Fishnet-type radar set
- 4 Machine gun
- 5 Low wooden building for soldiers
- 6 Garages
- 7 Cemetery

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25X1